



PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q77549

Antoine CAPEL

Appln. No.: 10/665,017

Group Art Unit: Not Assigned

Confirmation No.: Not Assigned

Examiner: Not Assigned

Filed: September 18, 2003

For: A CONDITIONING CIRCUIT FOR A POWER SUPPLY AT THE MAXIMUM POWER POINT, A SOLAR GENERATOR, AND A CONDITIONING METHOD

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT

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filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents, together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

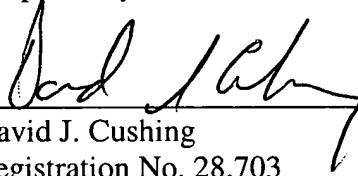
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Respectfully submitted,


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Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

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Complete if Known

Application Number	10/665,017
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Filing Date	September 18, 2003
First Named Inventor	Antoine CAPEL
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	Q77549

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 6,262,558	B1	07-17-2001	Weinberg
		US 5,923,100	A	07-13-1999	Lukens et al.
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		EP	0 827 254	A2	03-04-1998	Canon Kabushiki Kaisha	Yes
		FR	2 819 653	A1	07-19-2002	Centre national De La Recherche Scientifique CNRS	NO
		EP	1 239 576	A2	09-11-2002	National Institute of Advanced Industrial Science and Technology	Yes
		DE	100 60 108	A1	06-27-2002	Technische Universitat Dresden	No

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		GOW JA A ET AL: "A Modular DC-DC Converter and Maximum Power Tracking Controller Formedium to Large Scale Photovoltaic Generating Plant" 8 th European Conference on Power Electronics and Applications. Lausaane, CH, Sept. 7-9, 1999, EPE. European Conference on Power Electronics and Applications, Brussels: EPE Association, BE, Vol. Conf. 8, September 7, 1999, pages 1-8, XP000883026.	Yes
		CHIHCHIANG HUA ET AL: "Comparative Study of Peak Power Tracking Techniques for Solar Storage System" Applied Power Electronics Conference and Exposition, 1998. APEC '98. Conference Proceedings 1998, Thirteenth Annual Anaheim, CA USA February 15-19, 1998, New York, NY, USA, IEEE, US, February 15, 1998, pages 679-685, XP010263666.	Yes
		MATSUO H ET AL: "Novel Solar Cell Power Supply System Using the Multiple-input DC-DC Converter" 20 th International telecommunications Energy Conference. Intelec '98 San Francisco, CA, October 4-8, 1998, Intelec International Telecommunications Energy Conference, New York, NY: IEEE, US, October 4, 1998, pages 797-802, XP000896384.	Yes
		CHIHCHIANG HUA ET AL: "DSO-based controller application in battery storage of photovoltaic system" Industrial Electronics, Control, and Instrumentation, 1996, Proceedings of the 1996 IEEE IECON 22 nd International Conference on Taipei, Taiwan August 5-10, 1996, New York, NY, USA, IEEE, US, August 5, 1996, Pages 1705-1710, XP010203239.	Yes
		ENSLIN J H R ET AL.: "Integrated Photovoltaic maximum Power Point Tracking Converter" IEEE Transactions on Industrial Electronics, IEEE Inc. New York, US, vol. 44, no. 6, December 1, 1997, pages 769-773, XP000750720.	Yes
		HUA C ET AL: "Implementation of a DSP-Controlled Photovoltaic System with Peak Power Tracking" IEEE Transactions on industrial Electronics, IEEE, Inc. New York, US, vol. 45, No. 1, February 1, 1998, pages 99-107, XP000735209.	Yes

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.